

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	43	(vibrat\$4) near3 transducer\$1 and width\$1 near15 half near5 (max or maximum or maxima\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 14:53
S2	43	(vibrat\$4) near3 transducer\$1 and width\$1 near15 half near5 (max or maximum\$1 or maxima\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 16:41
S3	23	(vibrat\$4) near3 transducer\$1 and full\$1 near5 width\$1 near15 half near5 (max or maximum\$1 or maxima\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 14:54
S4	17	S3 and (mass\$2 or weight\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 14:54
S5	1	S4 and resilient\$2 near3 support\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 15:18
S6	15	S4 not S5 and (full adj width near10 half near3 max or fwhm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 17:34
S7	1	S4 not S5 not S6	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 15:20
S8	2	(tactil\$ or vibrat\$4) near5 transducer\$1 and (full adj width near10 half near3 max) near10 fwhm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:31

S9	73	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1) and (full adj width near10 half near3 max or fwhm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:04
S10	52	S9 not S2	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 16:41
S11	38	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1 or apparatus\$2) or buzzer\$1) and (full\$1 near3 width\$2 near10 half near3 (maxim\$4 or max) or fwhm) not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 16:46
S12	6826	((tactil\$ or vibrat\$4) near10 (device\$1 or transducer\$1 or apparatus\$2) or buzzer\$1 or generator\$1 or generating or output\$4) and (full\$1 near3 width\$2 near10 half near3 (maxim\$4 or max) or fwhm) not S9	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:02
S13	87	((tactil\$ or vibrat\$4) near10 ((device\$1 or transducer\$1 or apparatus\$2) or buzzer\$1 or generator\$1 or generating or output\$4)) and (full\$1 near3 width\$2 near10 half near3 (maxim\$4 or max) or fwhm) not S9 not S11	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:04
S14	87	S13 not S1 not S2 not S3 not S4 not S5 not S6 not S7 not S8 not S9 not S10	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:04
S15	0	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1).ti,ab. and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 14:43
S16	9	(tactil\$ or vibrat\$4 or transducer\$1 or buzzer\$1).ti,ab. and S14	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:11

S17	2	(tactil\$ or vibrat\$4 or transducer\$1 or buzzer\$1 or stimulat\$4 or stimuli or stimulus). ti,ab. and S14 not S16	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:13
S18	76	S14 not S16 not S17	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:13
S19	2	(tactil\$ or vibrat\$4 or transducer\$1 or alarm\$1) same (full adj width near10 half near3 max) near10 fwhm	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:31
S20	102	(tactil\$ or vibrat\$4 or transducer\$1 or alarm\$1) same (full adj width near10 half near3 max or fwhm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:38
S21	2	340/407.\$ccls. and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:56
S22	4	"340"/\$.ccls. and S20	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:46
S23	2	S22 not S21	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:48
S24	98	S20 not S21 not S22	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:48

S25	0	340/407.\$\$.ccls. and frequenc\$3 near5 resona\$ same distribut\$4 near7 (spectral\$ or spectra or spectrum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:57
S26	0	340/407.\$\$.ccls. and frequenc\$3 near5 resona\$ same distribut\$4 near7 (spectral\$ or spectra or spectrum)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:57
S27	0	340/407.\$\$.ccls. and frequenc\$3 near5 resona\$ same distribut\$4 near7 (spectral\$ or spectra or spectrum or energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:58
S28	189	(tactil\$ or vibrat\$4 or transducer\$1 or buzzer\$1 or stimulat\$4 or stimuli or stimulus) same frequenc\$3 near5 resona\$ same distribut\$4 near7 (spectral\$ or spectra or spectrum or energy)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:02
S29	74	(tactil\$ or vibrat\$4 or transducer\$1 or buzzer\$1 or stimulat\$4 or stimuli or stimulus). ti,ab. and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:00
S30	0	S29 and "340"/\$.ccls. and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 17:59
S31	0	tactile\$ and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:01
S32	0	tactil\$ and S28	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:01

S33	0	tactil\$ and S29	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:01
S34	0	(tactil\$ or vibrat\$4 or transducer\$1 or buzzer\$1 or stimulat\$4 or stimuli or stimulus) and frequenc\$3 near5 resona\$ same distribut\$4 near7 (spectral\$ or spectra or spectrum or energy) and 340/407.\$ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:02
S35	0	frequenc\$3 near5 resona\$ same distribut\$4 near7 (spectral\$ or spectra or spectrum or energy) and 340/407.\$ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:03
S36	11	frequenc\$3 near5 resona\$ same (spectral\$ or spectra or spectrum or energy) and 340/407.\$ccls.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/12 18:23
S37	17	frequenc\$3 near5 (center or resona\$) same (spectral\$ or spectra or spectrum or energy or distribut\$4 or fwhm or half near5 (max or maximum or maxim\$4)) and (340/407.\$ccls. or 340/7.6.ccls. or 434/114.ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:07
S38	130	frequenc\$3 near5 (center or resona\$) same (drive\$1 or driving) and (frequenc\$3 or spectral\$ or spectra or spectrum or energy or distribut\$4 or fwhm or half near5 (max or maximum or maxim\$4)) and (340/407.\$ccls. or 340/7.6.ccls. or 434/114.ccls. or 340/384.\$ccls.)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:10
S39	95	(vibrat\$4 or tactil\$) and S38	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:10

S40	95	frequenc\$3 near5 (center or resona\$) same (drive\$1 or driving) same (frequenc\$3 or spectral\$ or spectra or spectrum or energy or distribut\$4 or fwhm or half near5 (max or maximum or maxim\$4)) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:11
S41	72	frequenc\$3 near5 (center or resona\$) same (drive\$1 or driving) near20 (frequenc\$3 or spectral\$ or spectra or spectrum or energy or distribut\$4 or fwhm or half near5 (max or maximum or maxim\$4)) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:11
S42	73	frequenc\$3 near5 (center or resona\$) same (drive\$1 or driving) near30 (frequenc\$3 or spectral\$ or spectra or spectrum or energy or distribut\$4 or fwhm or half near5 (max or maximum or maxim\$4)) and S39	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:11
S43	17	frequenc\$3 near5 (center or resona\$) same (drive\$1 or driving) near30 (spectral\$ or spectra or spectrum or energy or distribut\$4 or fwhm or half near5 (max or maximum or maxim\$4)) and S42	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 12:12
S44	4	motorola.as. and (full\$1 near3 width\$ near10 half near3 (maximum or maxima\$ or max or fwhm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 17:57
S45	135	(tactil\$ or tactual\$ or vibrat\$4) near10 (transducer\$1 or device\$1 or apparat\$4 or means) and (full\$1 near3 width\$ near10 half near3 (maximum or maxima\$ or max or fwhm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 17:38
S46	89	(tactil\$ or tactual\$ or vibrat\$4) near5 (transducer\$1 or device\$1 or apparat\$4 or means) and (full\$1 near3 width\$ near10 half near3 (maximum or maxima\$ or max or fwhm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 19:55
S47	88	S46 not S44	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 17:38

S48	10	(pager\$1 or paging or (cell or cellular or portable or hand or handheld) near5 (phone\$1 or telephone\$1 or device\$1)) and S47	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 17:40
S49	10	S48 and (full\$1 near3 width\$ near10 half near3 (maximum or maxima\$ or max or fwhm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 17:58
S50	10	S48 and (full\$1 near3 width\$ or half near3 (maximum or maxima\$ or max) or fwhm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 19:33
S51	1	455/567,228.ccls. and (full\$1 near3 width\$ or half near3 (maximum or maxima\$ or max) or fwhm)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 19:54
S52	78	S47 not S48	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 19:54
S53	3	(tactil\$ or tactual\$ or vibrat\$4) near5 (transducer\$1 or device\$1 or apparat\$4 or means) same (full\$1 near3 width\$ near10 half near3 (maximum or maxima\$ or max or fwhm))	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 20:04
S54	1	S52 and S53	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2005/10/13 19:55
S55	9	((("5546069") or ("5327120") or ("5107540") or ("5388992") or ("4328485") or ("re28213") or ("6339368") or ("5828295") or ("5649020")).PN.	US-PGPUB; USPAT	OR	OFF	2005/10/13 20:06



S56	427	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1).ti,ab. and (sine\$1 or multisine\$1 or multiple adj sine\$1)	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 14:45
S57	87	S56 and (mass or weight) and motor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 14:44
S58	52	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1).ti,ab. and (sine\$1 or multisine\$1 or multiple adj sine\$1) same motor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 15:58
S59	2	"20030236618"	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 15:25
S60	1	S59 and differentiat\$4	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 15:25
S61	1	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1).ti,ab. and (multisine\$1 or (plural\$4 or multiple) adj sine\$1) same motor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 15:58
S62	2	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1).ti,ab. and (multisine\$1 or (plural\$4 or multiple) near5 sine\$1) same motor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 16:09
S63	6	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1) and (multisine\$1 or (plural\$4 or multiple) near5 sine\$1) same motor\$1	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 16:19



S65	20	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1) and (multisine\$1 or (plural\$4 or multiple) near5 sine\$1) and motor\$1 not S63	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:01
S66	1	"20050046551".pn. and crest\$	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 16:58
S67	29	((tactil\$ or vibrat\$4) near5 (device\$1 or transducer\$1) or buzzer\$1) and crest near5 factor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:11
S68	54	((tactil\$ or vibrat\$4 or audio or audible or speaker) near5 (device\$1 or transducer\$1) or buzzer\$1) and crest near5 factor\$3	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:20
S69	25	S68 not S67	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:11
S70	8	((tactil\$ or vibrat\$4 or audio or audible or speaker) near5 (device\$1 or transducer\$1 or apparatus) or buzzer\$1) and crest near5 factor\$3 not S67 not S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:24
S71	8	((tactil\$ or vibrat\$4 or audio or audible or speaker) near5 (device\$1 or transducer\$1 or apparatus) or buzzer\$1 or buzzard\$1) and crest near5 factor\$3 not S67 not S69	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:25
S72	0	S71 not S70	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/01/18 17:51